



Windows PowerShell Get-Help on Cmdlet 'New-AzWvdHostPool'

PS:\>Get-HELP New-AzWvdHostPool -Full

NAME

New-AzWvdHostPool

SYNOPSIS

Create or update a host pool.

SYNTAX

```
New-AzWvdHostPool -Name <String> -ResourceGroupName <String> -HostPoolType <HostPoolType>
-LoadBalancerType <LoadBalancerType> -PreferredAppGroupType
<PreferredAppGroupType> [-Location <String>] [-SubscriptionId <String>] [-AgentUpdateMaintenanceWindow
<IMaintenanceWindowProperties[]>]
[-AgentUpdateMaintenanceWindowTimeZone <String>] [-AgentUpdateType <SessionHostComponentUpdateType>]
[-AgentUpdateUseSessionHostLocalTime] [-CustomRdpProperty
<String>] [-Description <String>] [-ExpirationTime <DateTime>] [-FriendlyName <String>] [-IdentityType
<ResourceIdentityType>] [-Kind <String>] [-ManagedBy <String>]
[-MaxSessionLimit <Int32>] [-PersonalDesktopAssignmentType <PersonalDesktopAssignmentType>] [-PlanName
<String>] [-PlanProduct <String>] [-PlanPromotionCode <String>]
[-PlanPublisher <String>] [-PlanVersion <String>] [-PublicNetworkAccess <HostpoolPublicNetworkAccess>]
[-RegistrationInfoToken <String>] [-RegistrationTokenOperation
```

<RegistrationTokenOperation>] [-Ring <Int32>] [-SkuCapacity <Int32>] [-SkuFamily <String>] [-SkuName <String>]
 [-SkuSize <String>] [-SkuTier <SkuTier>] [-SsoClientId
 <String>] [-SsoClientSecretKeyVaultPath <String>] [-SsoSecretType <SsoSecretType>] [-SsoadsAuthority <String>]
 [-StartVMOnConnect] [-Tag <Hashtable>] [-VMTemplate
 <String>] [-ValidationEnvironment] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
 [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy
 <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

New-AzWvdHostPool -Name <String> -ResourceGroupName <String> -HostPoolType <HostPoolType>
 -LoadBalancerType <LoadBalancerType> -PreferredAppGroupType
 <PreferredAppGroupType> [-Location <String>] [-SubscriptionId <String>] [-DesktopAppGroupName <String>]
 [-WorkspaceName <String>] [-DefaultProfile <PSObject>]
 [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]
 [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Create or update a host pool.

PARAMETERS

-Name <String>

The name of the host pool within the specified resource group

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HostPoolType <HostPoolType>

HostPool type for desktop.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-LoadBalancerType <LoadBalancerType>

The type of the load balancer.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PreferredAppGroupType <PreferredAppGroupType>

The type of preferred application group type, default to Desktop Application Group

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DesktopAppGroupName <String>

Desktop App Group Name

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WorkspaceName <String>

Workspace Name

Required? false

Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AgentUpdateMaintenanceWindow <IMaintenanceWindowProperties[]>

List of maintenance windows.

Maintenance windows are 2 hours long.

To construct, see NOTES section for AGENTUPDATEMAINTENANCEWINDOW properties and create a hash table.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AgentUpdateMaintenanceWindowTimeZone <String>

Time zone for maintenance as defined in

<https://docs.microsoft.com/en-us/dotnet/api/system.timezoneinfo.findsystemtimezonebyidview=net-5.0>.

Must be set if useLocalTime is true.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AgentUpdateType <SessionHostComponentUpdateType>

The type of maintenance for session host components.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-AgentUpdateUseSessionHostLocalTime [<SwitchParameter>]

Whether to use localTime of the virtual machine.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-CustomRdpProperty <String>

Custom rdp property of HostPool.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Description <String>

Description of HostPool.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExpirationTime <DateTime>

Expiration time of registration token.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-FriendlyName <String>

Friendly name of HostPool.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-IdentityType <ResourceIdentityType>

The identity type.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Kind <String>

Metadata used by portal/tooling/etc to render different UX experiences for resources of the same type; e.g.

ApiApps are a kind of Microsoft.Web/sites type.

If supported, the resource provider must validate and persist this value.

Required? false
Position? named
Default value
Accept pipeline input? false

Accept wildcard characters? false

-ManagedBy <String>

The fully qualified resource ID of the resource that manages this resource.

Indicates if this resource is managed by another Azure resource.

If this is present, complete mode deployment will not delete the resource if it is removed from the template since it is managed by another resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-MaxSessionLimit <Int32>

The max session limit of HostPool.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-PersonalDesktopAssignmentType <PersonalDesktopAssignmentType>

PersonalDesktopAssignment type for HostPool.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PlanName <String>

A user defined name of the 3rd Party Artifact that is being procured.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PlanProduct <String>

The 3rd Party artifact that is being procured.

E.g.

NewRelic.

Product maps to the OfferID specified for the artifact at the time of Data Market onboarding.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PlanPromotionCode <String>

A publisher provided promotion code as provisioned in Data Market for the said product/artifact.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PlanPublisher <String>

The publisher of the 3rd Party Artifact that is being bought.

E.g.

NewRelic

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PlanVersion <String>

The version of the desired product/artifact.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PublicNetworkAccess <HostpoolPublicNetworkAccess>

Enabled allows this resource to be accessed from both public and private networks, Disabled allows this resource to only be accessed via private endpoints

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RegistrationInfoToken <String>

The registration token base64 encoded string.

Required? false
Position? named
Default value
Accept pipeline input? false

Accept wildcard characters? false

-RegistrationTokenOperation <RegistrationTokenOperation>

The type of resetting the token.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Ring <Int32>

The ring number of HostPool.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SkuCapacity <Int32>

If the SKU supports scale out/in then the capacity integer should be included.

If scale out/in is not possible for the resource this may be omitted.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SkuFamily <String>

If the service has different generations of hardware, for the same SKU, then that can be captured here.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SkuName <String>

The name of the SKU.
Ex - P3.
It is typically a letter+number code

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SkuSize <String>

The SKU size.
When the name field is the combination of tier and some other value, this would be the standalone code.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SkuTier <SkuTier>

This field is required to be implemented by the Resource Provider if the service has more than one tier, but is not required on a PUT.

Required? false
Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SsoClientId <String>

ClientId for the registered Relying Party used to issue WVD SSO certificates.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SsoClientSecretKeyVaultPath <String>

Path to Azure KeyVault storing the secret used for communication to ADFS.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SsoSecretType <SsoSecretType>

The type of single sign on Secret Type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SsoadfsAuthority <String>

URL to customer ADFS server for signing WVD SSO certificates.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-StartVMOnConnect [<SwitchParameter>]

The flag to turn on/off StartVMOnConnect feature.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-VMTemplate <String>

VM template for sessionhosts configuration within hostpool.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ValidationEnvironment [<SwitchParameter>]

Is validation environment.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required?	false
Position?	named
Default value	False
Accept pipeline input?	false
Accept wildcard characters?	false

-WhatIf [<SwitchParameter>]

Required?	false
Position?	named
Default value	
Accept pipeline input?	false
Accept wildcard characters?	false

-Confirm [<SwitchParameter>]

Required?	false
Position?	named
Default value	
Accept pipeline input?	false
Accept wildcard characters?	false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

AGENTUPDATEMAINTENANCEWINDOW <IMaintenanceWindowProperties[]>: List of maintenance windows. Maintenance windows are 2 hours long.

[DayOfWeek <DayOfWeek?>]: Day of the week.

[Hour <Int32?>]: The update start hour of the day. (0 - 23)

----- EXAMPLE 1 -----

PS C:\>New-AzWvdHostPool -ResourceGroupName ResourceGroupName `

-Name HostPoolName `

-Location 'eastus' `

-HostPoolType 'Pooled' `

-LoadBalancerType 'DepthFirst' `

-RegistrationTokenOperation 'Update' `

-ExpirationTime \$((Get-Date).ToUniversalTime().AddDays(1).ToString('yyyy-MM-ddTHH:mm:ss.ffffffZ'))

-Description 'Description' `

-FriendlyName 'Friendly Name' `

-MaxSessionLimit 5 `

-VMTemplate \$null `

-SsoClientId \$null `

-SsoClientSecretKeyVaultPath \$null`
-SsoSecretType \$null`
-SsoadfsAuthority \$null`
-CustomRdpProperty \$null`
-Ring \$null`
-ValidationEnvironment:\$false

----- EXAMPLE 2 -----

PS C:\>New-AzWvdHostPool -ResourceGroupName ResourceGroupName`

-Name HostPoolName`
-Location 'eastus`'
-HostPoolType 'Personal`'
-LoadBalancerType 'Persistent`'
-RegistrationTokenOperation 'Update`'
-ExpirationTime \$((Get-Date).ToUniversalTime().AddDays(1).ToString('yyyy-MM-ddTHH:mm:ss.ffffffZ'))
-Description 'Description`'
-FriendlyName 'Friendly Name`'
-MaxSessionLimit 5`
-VMTemplate \$null`
-SsoClientId \$null`
-SsoClientSecretKeyVaultPath \$null`
-SsoSecretType \$null`
-SsoadfsAuthority \$null`
-CustomRdpProperty \$null`
-Ring \$null`
-ValidationEnvironment:\$false

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.desktopvirtualization/new-azwvdhostpool>